

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remain(s) under examination in the application is presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or fewer characters; and 2. added matter is shown by underlining.

1. (Previously Presented) A method of programming an ambulatory infusion pump from a computer, the ambulatory infusion pump programmed to execute a delivery program, the delivery program being driven by operating parameters, the method comprising:

generating a table on a user interface displayed by the computer the computer having a computer peripheral, the table containing a row, the row having a plurality of cells, each cell in the row relating to a different operating parameter for the delivery program;

entering an operating parameter into at least one of the cells in the table, the operating parameter being entered directly into the at least one of the cells through the computer peripheral; and

downloading the operating parameters into the pump by:

transmitting the operating parameters over a communication link from the computer to the pump;

returning the operating parameters over a communication link from the pump back to the computer; and

verifying that the operating parameters transmitted from the computer to the pump match the operating parameters returned from the pump to the computer.

2. (Previously Presented) The method of claim 1, the act of generating a table further comprising generating a table, the table comprising a plurality of rows, each row relating to a different set of operating parameters, each set of operating parameters defining a different delivery schedule for the pump.

3. (Previously Presented) The method of claim 2, the act of generating a table further comprising generating table, the table comprising at least one cell within each row relating to a unique identifying name, wherein the unique identifying name identifies the operating parameters in the same row of as the unique identifying name.
4. (Previously Presented) The method of claim 3, the act of downloading the operating parameters into the pump further comprising downloading the operating parameters into memory on a pump, the pump being programmed with a delivery program.
5. (Previously Presented) The method of claim 4 further comprising running the delivery program and executing the operating parameters.
6. (Previously Presented) The method of claim 3 further comprising:  
downloading all of the operating parameters to the infusion pump; and  
storing the operating parameters in the memory.
7. (Previously Presented) The method of claim 6 further comprising:  
selecting one unique identifying name; and  
running the delivery program and executing at least some of the operating parameters identified by the selected unique identifying name.
8. (Cancelled)

9. (Previously Presented) An apparatus for programming an infusion pump, the pump programmed to execute a delivery program, the delivery program programmed to process operating parameters, the operating parameters defining operation of the pump, the apparatus comprising:

a data port;

a data entry device; and

a processor in data communication with the data port and the data entry device, the processor programmed to

(a) generate a table on a user interface, the table containing a row, the row having a plurality of cells, each cell in the row relating to a different operating parameter for the delivery program;

(b) receive at least one operating parameter directly from the data entry device and display the data in one or more of the cells; and

(c) download the received operating parameters displayed in the cells to the infusion pump by:

transmitting the operating parameters over a communication link from the apparatus to the pump;

returning the operating parameters over a communication link from the pump back to the apparatus; and

verifying that the operating parameters transmitted from the apparatus to the pump match the operating parameters returned from the pump to the apparatus.

10. (Original) The apparatus of claim 9 wherein the processor is further programmed to generate a plurality of rows in the table, each row relating to a different set of operating parameters, each set of operating parameters defining a different delivery schedule for the pump.

11. (Previously Presented) The apparatus of claim 10 wherein each row in the table includes at least one cell relating to a unique identifying name, wherein the unique identifying name identifies the operating parameters in the same row as the unique identifying name.

12-25. (Cancelled)

26. (Previously Presented) The method of claim 1, wherein downloading further comprises transmitting an error signal over a communication link from the computer to the pump if verifying the operating parameters fails.

27. (Previously Presented) The method of claim 26, wherein downloading further comprises discarding the operating parameters transmitted from the computer to the pump and preserving operating parameters already stored into memory in the pump.

28-29. (Cancelled)